MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JULY 1955

GIORGIO CONTINO, ACTING DIRECTOR

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WEATHER BUREAU

JULY 1955

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	54.9	55.3	55.2	55.1	31.5	22.5	28.0	31.3	25.2	28.5
2	56.7	56.6	56.2	56.5	31.6	23.2	27.9	30.8	25.0	27.9
3	56.2	55.8	55.0	55.3	30.7	23.9	28.0	29.7	26.4	28.0
4	54.3	53.8	53.6	53.9	32.7	24.8	29.4	32.2	26.4	29.3
5	53.1	52.7	53.1	53.0	31.9	23.2	28.6	31.0	25.8	28.5
6	53.9	53.9	54.8	54.2	32.2	22.8	28.3	31.7	25.6	28.5
7	55.8	55.6	56.2	55.9	32.3	23.3	28.0	31.6	25.4	28.3
8	56.1	55.5	55.5	55.7	32.8	23.3	28.9	32.1	26.2	29.1
9	55.3	55.5	55.7	55.5	32.4	22.7	28.3	31.4	25.6	28.4
10	56.7	56.9	57.4	57.0	31.2	22.3	28.6	30.3	24.7	27.9
11	57.2	56.9	56.6	56.9	31.6	22.3	27.5	30.6	25.1	27.7
12	56.5	55.4	54.9	55.6	31.9	23.6	27.9	31.1	25.8	28.3
13	54.4	53.6	53.1	53.7	31.9	24.6	27.7	31.4	26.2	28.4
14	52.4	51.9	52.3	52.2	32.3	24.2	28.9	31.7	26.7	29.1
15	53.3	53.5	54.0	53.6	32.2	23.9	28.9	31.7	26.3	29.0
16	55.5	55.3	55.6	55.5	31.2	23.9	28.3	30.8	26.1	28.4
17	55.7	55.3	55.5	55.5	31.5	23.6	28.1	30.8	26.3	28.4
18	54.5	54.1	54.3	54.3	31.5	23.6	28.8	30.4	26.1	28.4
19	53.6	53.5	54.2	53.8	32.2	25.1	28.9	31.5	26.5	29.0
20	53.9	53.6	54.2	53.9	32.2	24.2	29.4	31.3	26.7	29.1
21	54.4	54.4	54.1	54.3	31.7	24.3	28.4	31.2	26.1	28.6
22	54.1	54.0	53.9	54.0	32.7	24.7	28.7	32.1	27.1	29.3
23	53.0	53.0	52.9	53.0	32.0	25.7	29.0	31.4	26.7	29.0
24	53.4	53.6	54.3	53.8	32.3	25.0	28.8	31.7	27.1	29.2
25	55.0	55.2	55.6	55.3	32.9	25.1	28.6	32.4	26.9	29.3
26	56.6	56.5	56.6	56.6	32.6	23.8	29.1	32.2	25.9	29.1
27	56.4	55.3	55.7	55.8	31.1	24.8	27.8	29.7	26.7	28.1
28	54.2	53.1	52.3	53.2	32.5	26.1	29.4	32.1	27.4	29.6
29	52.8	52.3	52.7	52.6	33.5	26.2	29.4	33.3	27.8	30.2
30	53.4	53.0	52.7	53.0	33.5	26.8	29.9	32.2	28.7	30.3
31	53.1	53.8	54.3	53.7	32.2	25.2	29.6	31.3	26.7	29.2
	54.72	54.48	54.60	54.59	32.09	24.15	28.62	31.39	26.36	28.78

Barometer, range for month 757.4 mm. — 751.9 mm.
„ 71-yr. average for month 755.46 mm.
Thermometer, range for month 33.5°C — 22.3°C
„ 71-yr. average for month 28.02°C
Rain total for month 0.00 mm.
„ 71-yrs average for month 0.44 mm.
„ Total, Sept. 1st. to end of month 738.66 mm.
„ 71-yrs. average. Sept. 1st. to end of month 891.85 mm.

JULY 1955

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	22.4	23.9	23.9	23.4	59	53	76	63	12.4	298.0	
2	23.7	25.0	24.6	24.4	64	57	78	66	12.5	153.0	
3	25.8	25.9	26.5	26.1	69	64	79	71	12 3	251.0	
4	28.1	26.7	25.1	26.6	68	56	74	66	12.9	486.0	
5	25.4	27.6	24.8	25.9	67	62	77	69	12.5	575.0	
6	22.6	24.9	25.5	24.3	58	53	78	63	12.6	267.0	
7	24.4	25.6	25.5	25.2	65	55	79	66	12.7	233.0	
8	26.4	29.7	28.6	28.2	66	62	84	71	12.7	288.0	
9	25.4	24.2	22.8	24.1	66	52	70	63	12.1	309.0	
10	21.9	21.3	22.4	21.9	57	50	72	60	12.9	243.0	
11	22.1	24.3	23.9	23.4	61	54	76	64	13.0	233.0	
12	23.0	25.3	24.1	24.1	63	56	75	65	12.8	269.0	
13	27.3	27.9	27.9	27.7	73	59	82	71	12.8	455.0	
14	27.1	29.4	28.2	28.2	68	63	80	70	12.6	573.0	
15	27.1	27.9	25.7	26.9	68	59	78	68	12.4	220.0	
16	25.4	24.0	25.1	24.8	66	57	74	66	11.9	201.0	
17	24.7	25.8	24.4	25.0	64	59	72	65	12.4	322.0	
18	22.8	22.9	23.4	23.0	58	52	70	60	12.5	372.0	
19	22.8	25.6	25.3	24.6	58	54	73	62	12.5	531.0	
20	25.2	26.1	26.0	25.8	61	59	75	65	12.0	575.0	
21	22.6	24.6	24.4	23.9	59	54	72	62	12.0	220.0	
22	24.9	27.4	28.4	26.9	64	58	78	67	11.7	360.0	
23	27.8	28.6	28.2	28.2	70	61	80	70	12.0	684.0	
24	25.7	28.6	29.2	27.8	65	61	80	69	11.9	639.0	
25	27.5	30.5	28.9	29.0	72	64	83	73	11.6	1038.0	
26	26.4	25.9	25.7	26.0	67	54	76	66	11.7	171.0	
27	24.4	24.5	26.7	25.2	66	60	78	68	12.4	225.0	
28	28.1	30.5	29.2	29.3	69	63	82	71	12.1	772.0	
29	28.1	31.2	31.0	30.1	68	61	63	64	11.8	472.0	
30	26.9	30.5	29.3	28.9	65	63	73	67	11.6	800.0	
31	28.9	25.3	23.3	25 8	70	57	66	64	11.0	568.0	
	25.32	26 50	26.06	25.96	65.0	57.8	75.9	66.3	12.27	413.00	0.00

Height of Barometer above sea level : 33.7 meters.
" " Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	2st	1st	1.0	2sw	2sw	1sw	light	H.a.m
2	3cu-st	2cu-st	0	1.7	1sw	1nw	1nw	,,	H.a.m
3	5cu-st	0	0	1.7	1ne	1n	1ne	,,	H. a.m
4	0	0	0	0.0	1sw	1sw	1sw	,,	H. a.m
5	1cu	1cu	0	0.7	3sw	1sw	1sw	,,	H. all day
6	0	0	0	0.0	1sw	1sw	1sw	light	H. a.m
7	2cu-st	0	0	0.7	1sw	1sw	1sw	,,	H.a.m
8	0	0	0	0.0	1sw	1sw	1sw	,,	H. all day D. p.m.
9	0	6ci-st	0	2.0	1sw	1w	1w	,,	
10	4cu-st	1cu	2cu-st	2.3	1sw	1w	1w	,,	
11	0	1cu-st	0	0.3	1w	2w	1w	light	
12	0	3ci-st	0	1.0	1sw	1w	1w	,,	
13	8cu-st	1st	0	3.0	1sw	2sw	1sw	,,	
14	0	0	0	0.0	1sw	1sw	1sw	,,	H. all day
15	0	5ci-st	0	1.7	2sw	1sw	1nw	,,	H. a.m
16	3cu-st	8cu-st	0	3.7	1sw	1nw	1nw	light	
17	0	5st	9st	4.7	1sw	1sw	1sw	,,	H. p.m
18	5cu	3cu-st	9st	5.7	2sw	2sw	1sw	,,	H. p.m
19	1cu	2cu-st	7cu-st	3.3	1sw	1sw	2sw	,,	H. p.m
20	1cu	1cu	2st	1.3	2sw	2sw	1sw	,,	H. all day
21	1cu	5st	0	2.0	1sw	1nw	1nw	light	
22	0	2cu-st	10st	4.0	1sw	1w	1w	,,	H. all day
23	0	6cu-st	0	2.0	2sw	2sw	1sw	,,	H. all day
24	0	0	6st	2.0	2sw	2sw	1sw	,,	H.a.m
25	0	0	0	0.0	3sw	2sw	1w	,,	H. all day
26	5cu-st	0	0	1.7	1sw	1nw	1nw	light	H.a.m
27	0	0	2st	0.7	1n	1nw	1n	,,	
28	0	0	0	0.0	2sw	2sw	2sw	,,	
29	0	0	0	0.0	1sw	1sw	1sw	,,	H. all day. D. p. m
30	0	0	0	0.0	2sw	2sw	1sw	,,	H. all day
31	3cu-st	4cu-st	4cu-st	3.7	3sw	2sw	1sw	slight	H. p.m.
	mean			1.64					

Abbreviations : G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	1	0	0	0	28	1	0	0	31
14:30	1	0	0	0	0	19	6	5	0	31
20:30	1	1	0	0	0	18	6	5	0	31
Total	3	2	0	0	0	65	13	10	0	93

Number of days with rain 0, fog 0, thunderstorms 0, gale. 0
71 yr. av. number of days with rain during month 0.17